Remarks

Reconsideration of this Application is respectfully requested. Upon entry of the foregoing Amendment to the Claims, claims 1-6, 8-17, and 19-20 are pending in the application, of which claims 1, 10, and 13 are independent. By the foregoing Amendment, claim 20 is sought to be amended. No new matter is embraced by this amendment and its entry is respectfully requested. Based on the above Amendment and the remarks set forth below, it is respectfully requested that the Examiner reconsider and withdraw all outstanding objections and rejections.

Claim Objections

The Examiner, in paragraph 4 of the Office Action, has objected to claim 20 for failing to indicate the claim in which it depends. Applicants have amended claim 20 to depend from claim 13. Applicants respectfully request that the objection of claim 20 be withdrawn.

Rejection under 35 U.S.C. § 103

The Examiner, in paragraph 3 of the Office Action has rejected claims 1-2, 4-6, 9-17, and 20 under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,456,286 to Arai *et al.* (hereinafter "Arai") in view of U.S. Patent No. 6,684,255 to Martin. Applicants respectfully traverse this rejection. Based on the remarks set forth below, Applicants respectfully request that this rejection be reconsidered and withdrawn.

Regarding independent claim 1, the Examiner states that Arai teaches Applicants' elements of "creating a scaled-down representation of application input data to a

compute-intensive application to determine costs to run the compute-intensive application" and "calculating a computing requirement based on the scaled-down representation." Applicants respectfully disagree. Unlike the present invention, which teaches a method for providing an accurate price quote to a customer for utilization of a CPU farm prior to that utilization, Arai teaches a method for displaying polygons wherein a three dimensional character is rendered with the largest number of polygons that can be allocated utilizing the provided graphics processing capability. Arai, col. 5, lines 34-37. Referring to independent claim 1, Arai does not teach or suggest at least the following element of "creating a scaled-down representation of application input data to a compute-intensive application to determine costs to run the compute-intensive application," as the Examiner has indicated. Instead, Arai teaches reducing the number of polygons for a three-dimensional character while maintaining the quality at a certain level. Arai, col. 5, lines 39-62; col. 7, lines 50-59; and col. 9, lines 30-47. In fact, Arai also does not teach or suggest determining cost. Instead, Arai teaches saving rendering costs by changing the number of polygons. *Arai*, col. 5, lines 53-57.

The Examiner also states that Martin discloses the limitations of "calculating a turn-around time and an actual cost to a customer to run the compute-intensive application with the application input data, on one or more processors, based on the calculated computing requirement" and "sending the turn-around time and the actual cost to a customer's client software." Applicants respectfully disagree. Martin does not teach or suggest at least the following element of "sending the turn-around time and the actual cost to a customer's client software," as suggested by the Examiner. Instead, Martin teaches selecting the representations to be delivered to the client based on a cost budget.

Martin, col. 9, lines 61-63. Martin teaches that the most significant components for display on the client are processed first until the budget is exhausted. *Martin*, col. 9, line 63 – col. 10, line 2.

Martin also does not solve the deficiencies of Arai. Martin does not appear to teach or suggest Applicants' element of "creating a scaled-down representation of application input data to a compute-intensive application to determine costs to run the compute-intensive application." Instead, Martin teaches transmitting one or more representations to a client based on a cost budget. *Martin*, Abstract. Martin does not teach or suggest scaled-down representations of application input data.

Thus, for at least the above reasons, Applicants respectfully submit that claim 1, and the claims that depend therefrom (claims 2-6 and 8-9), are patentable over Arai and Martin, separately or in combination.

Independent claims 10 and 13 include similar elements to independent claim 1. Thus, for at least the reasons stated above, independent claims 10 and 13, and the claims that depend therefrom (claims 11-12 and 14-17 and 19-20, respectively), are patentable over Arai and Martin, separately or in combination.

Thus, neither Arai nor Martin, separately or in combination, teach or suggest Applicants' claimed invention as recited in independent claims 1, 10, and 13. For at least the reasons stated above, claims 1, 10, and 13, and the claims that depend therefrom (claims 2-6 and 8-9, claims 11-12, and claims 14-17 and 19-20, respectively), are patentable over the cited references. Applicants respectfully request that the Examiner reconsider and withdraw the rejection of claims 1, 10, and 13, and the claims that depend therefrom (claims 2-6 and 8-9, 11-12, and 14-17 and 19-20, respectively).

The Examiner, on page 8 of the Office Action, has rejected claims 3, 8, and 19 under U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,456,286 to Arai in view of U.S. Patent No. 6,684,255 to Martin in view of U.S. Patent No. 5,854,752 to Agarwal. Applicants respectfully disagree. Claims 3, 8, and 19 depend from independent claims 1 and 13, respectively, and are patentable over Arai and Martin for at least the reasons stated above. Furthermore, Agarwal does not teach or suggest the features missing from Arai and Martin. Applicants therefore respectfully request that the Examiner reconsider and withdraw the rejection of dependent claims 3, 8, and 19.

Request for an Examiner Interview

Applicants respectfully request an Examiner Interview. Applicants respectfully request that the Examiner contact the Applicants' representative at the number provided to formally set a date and time to conduct the interview.

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Conclusion

All of the stated grounds of objection and rejection have been properly traversed, accommodated, or rendered moot. Applicants therefore respectfully request that the Examiner reconsider all currently outstanding objections and rejections and that they be withdrawn. It is believed that a full and complete response has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.
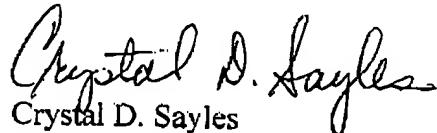
Prompt and favorable consideration of this Response is respectfully requested.

Respectfully submitted,

Intel Corporation

Dated: _May 9, 2005_

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